

ABSTRACT OF THE DISCLOSURE

Disclosed is a continuous ink jet printer that includes an ink jet printing nozzle for a first color positioned to deposit ink drops on a substrate, and a deflection element located proximate an output trajectory of the first ink jet printing nozzle and operative to deflect the ink drops in a swathed pattern as they are deposited on the substrate by the first ink jet printing nozzle. A second ink jet printing nozzle is also provided for the first color positioned to deposit ink drops on the substrate, and a second deflection element is located proximate an output trajectory of the second ink jet printing nozzle and operative to deflect the ink drops in a swathed pattern as they are deposited on the substrate by the second ink jet printing nozzle. Interleaving logic is operative to provide interleaved print data to interleave at least one deflected drop from the first ink jet printing nozzle with a plurality of deflected drops from the second ink jet printing nozzle in parallel offset rasters.